

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

Inventor(s): **Joanna Aizenberg**  
**Mischa Megens**  
**Shu Yang**

Case: **5-2-15**

Serial No.: **10/631996**

Filing Date: **July 31, 2003**

Examiner:  Group Art Unit: **1756**

Title: **Tunable Micro-Lens Arrays**

**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**SIR:**

Transmitted herewith are fifteen (15) sheets of formal drawings to be substituted for the informal drawings initially filed in the above-identified application for patent.

**No Additional fee is required.**

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Respectfully,

**John F. McCabe, Attorney**

Reg. No. **42854**

**908-582-6866**

Date: Dec. 21, 2004

**Docket Administrator (Room 3J-219)**  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

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FIG. 1

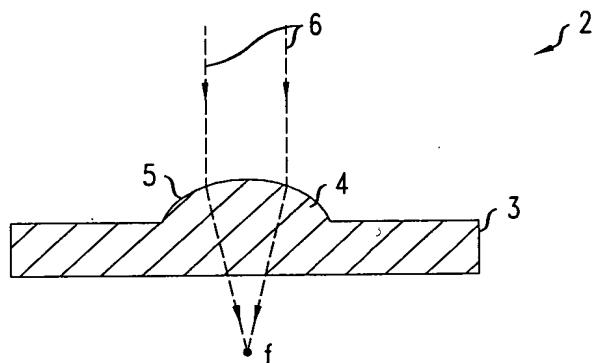
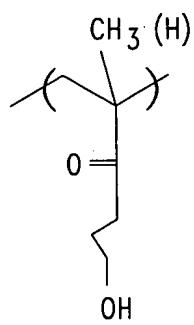
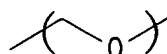


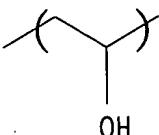
FIG. 2



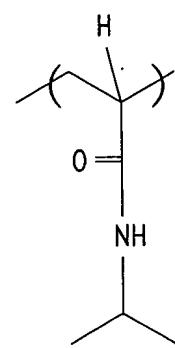
## PHEMA



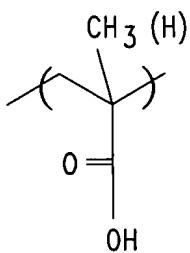
PEG



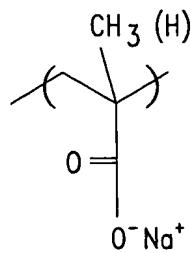
PVA



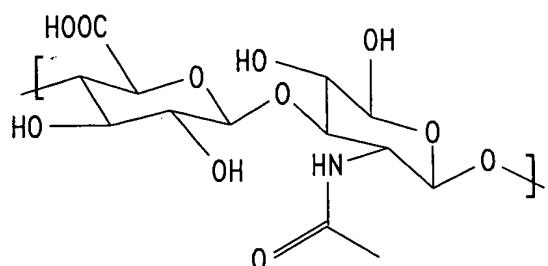
PNIPA



PMAA



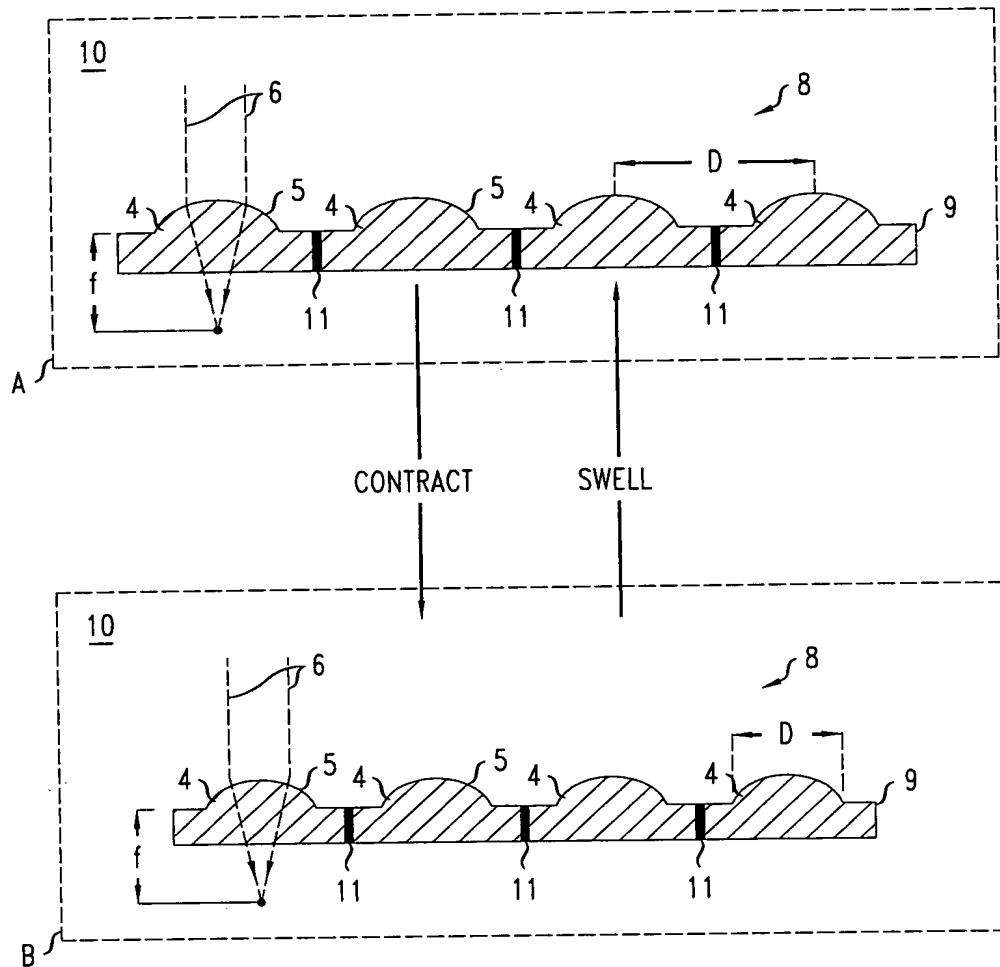
Na SALT OF  
PMAA



## HYALURONIC ACID

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FIG. 3



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FIG. 4

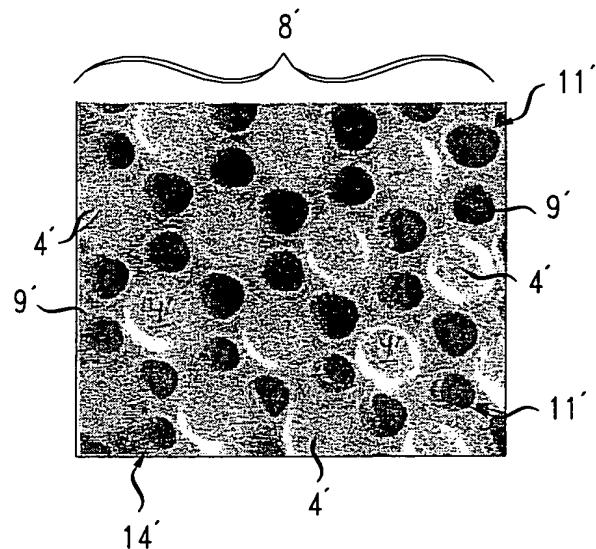
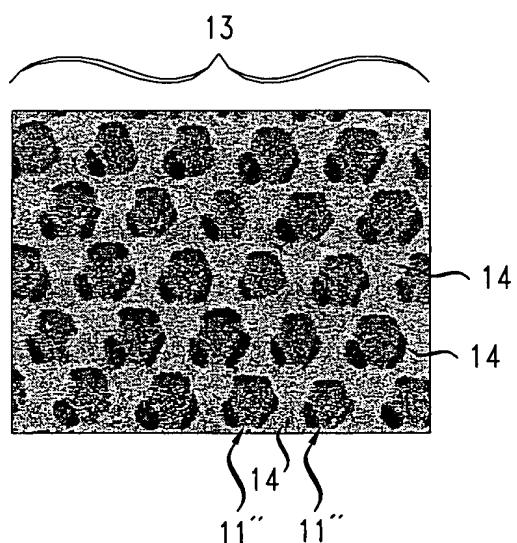


FIG. 5



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FIG. 6

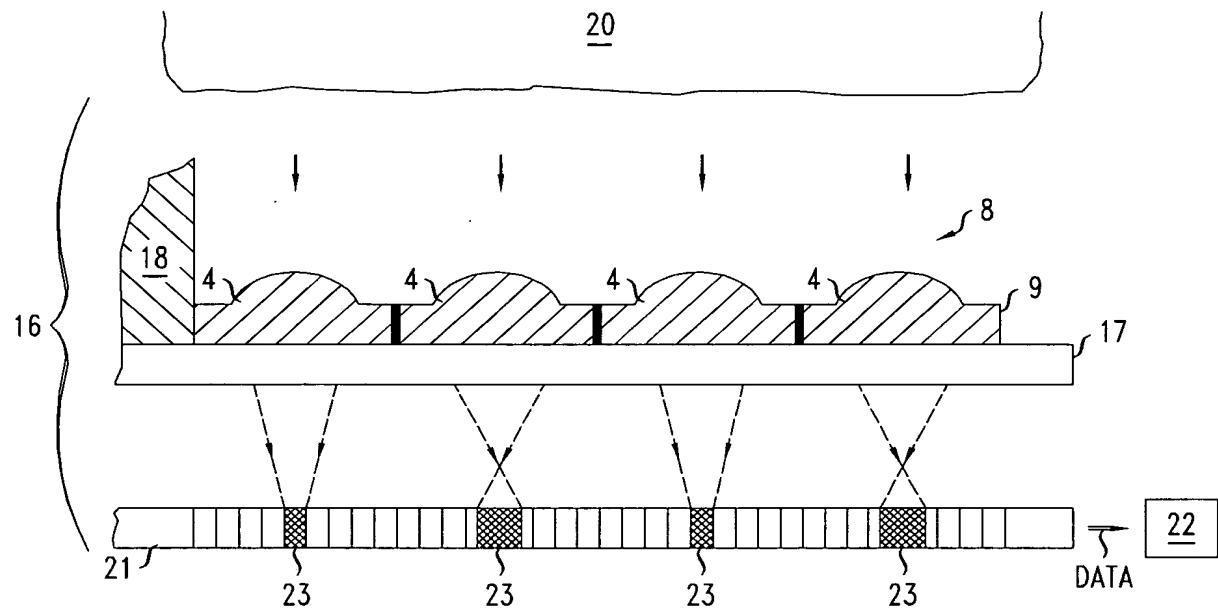
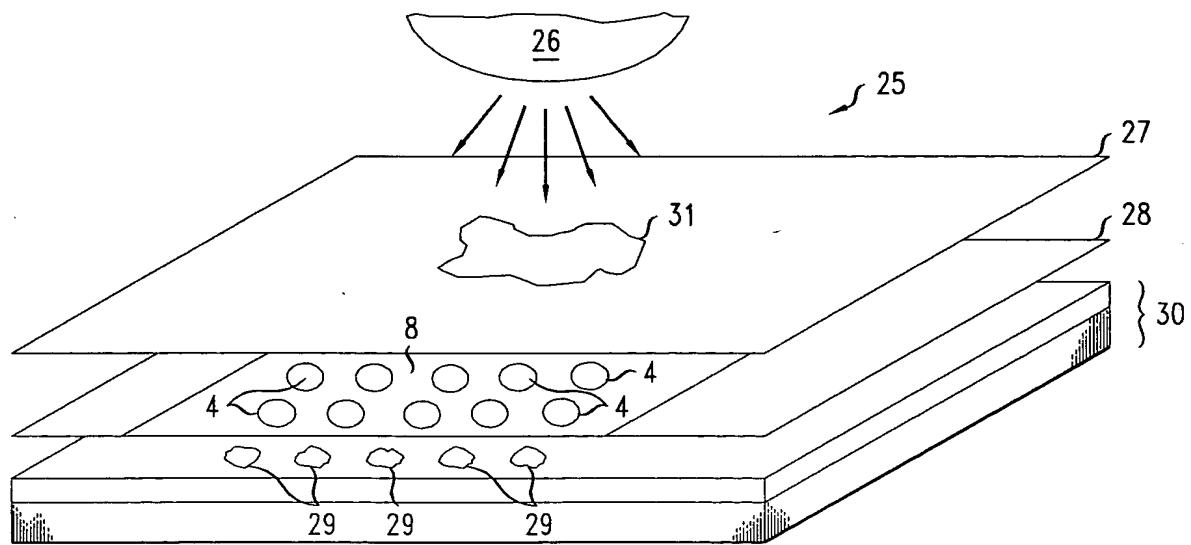
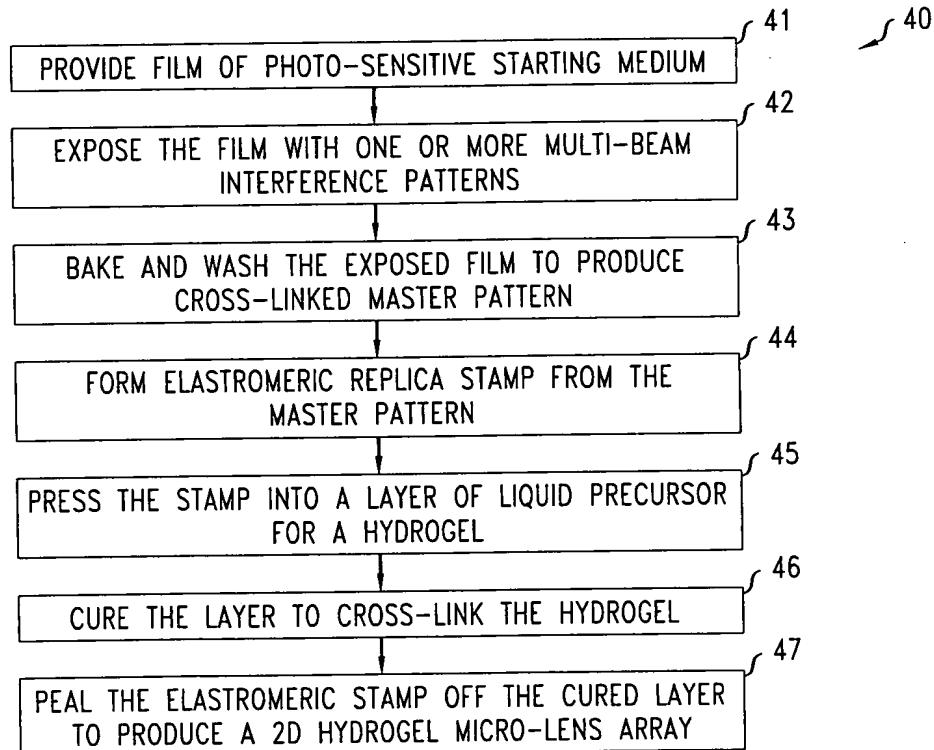


FIG. 7



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FIG. 8



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FIG. 9

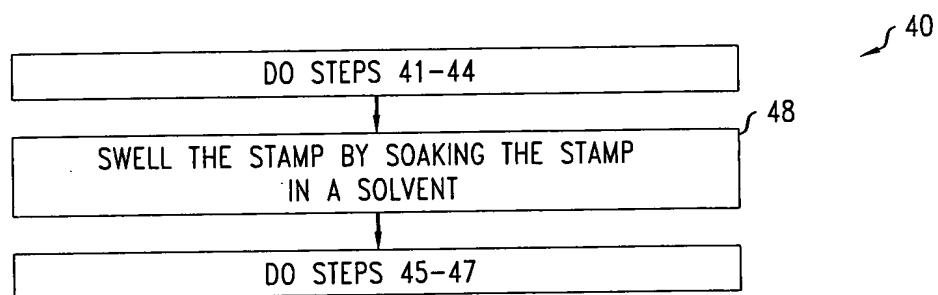
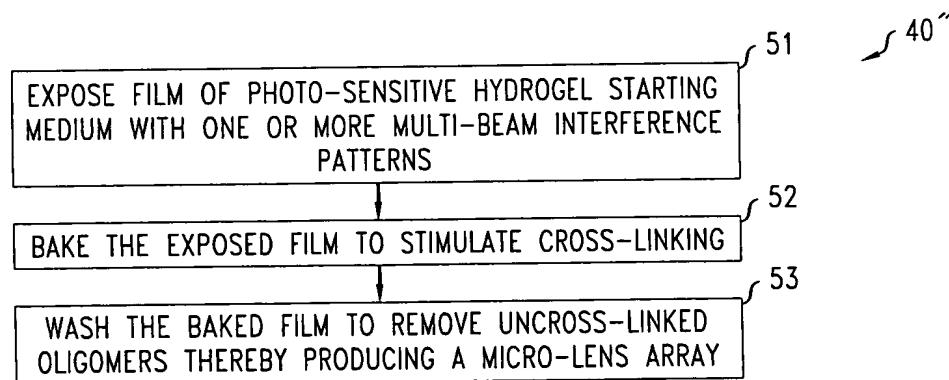


FIG. 10



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FIG. 11 A

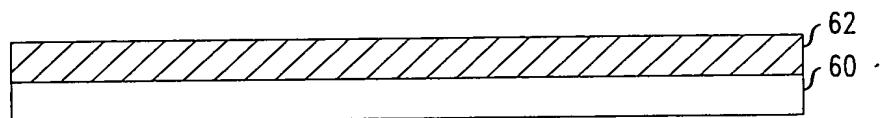


FIG. 11 B



FIG. 11 C

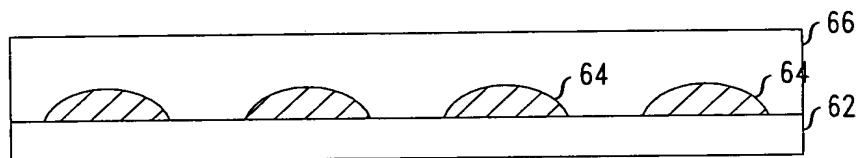


FIG. 11 D

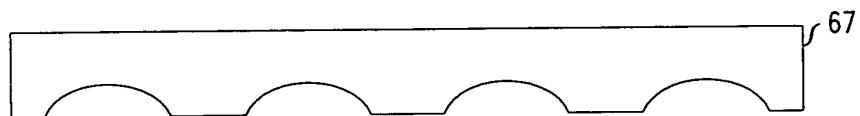


FIG. 11 E

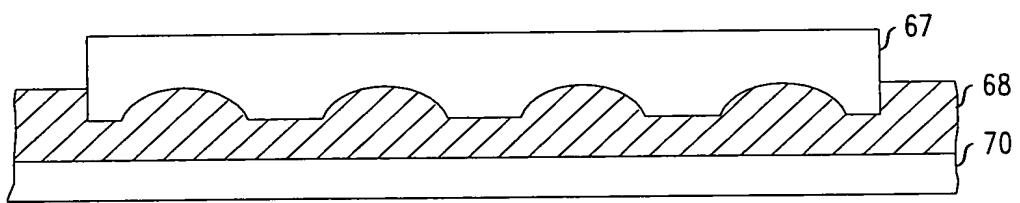
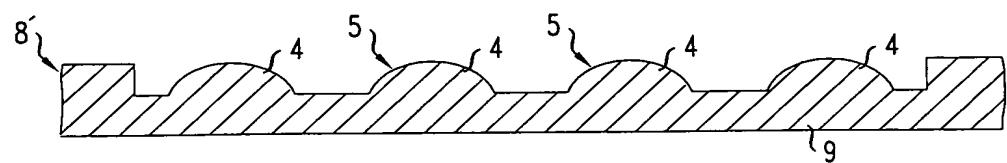


FIG. 11 F



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FIG. 12

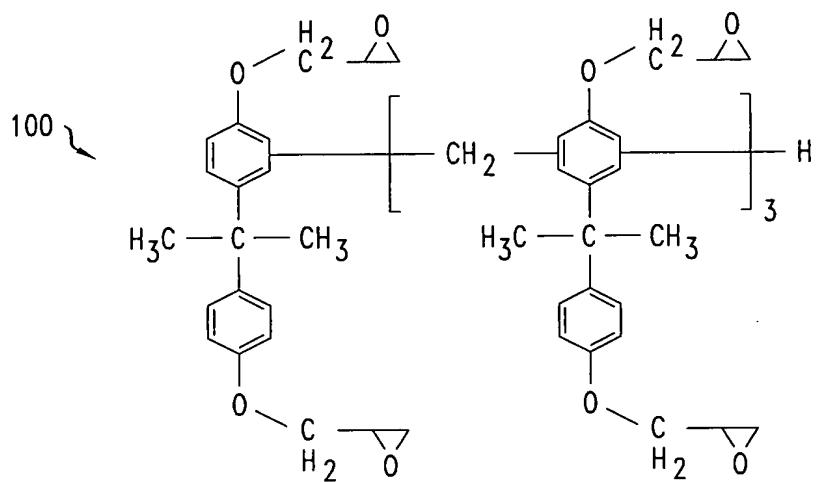


FIG. 14 A

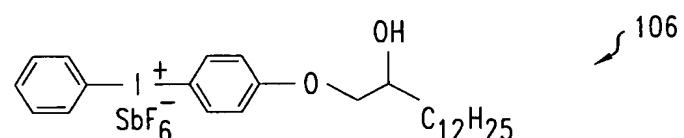
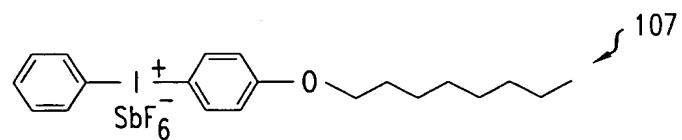


FIG. 14 B



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FIG. 13 A

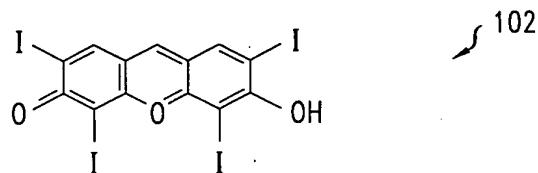


FIG. 13 B

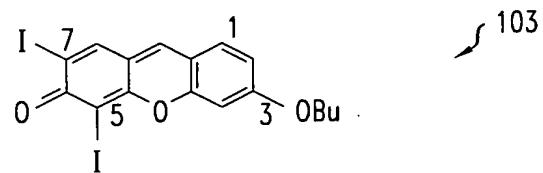
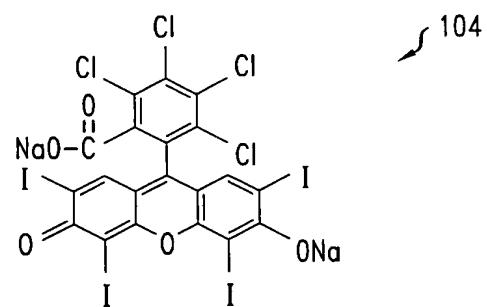


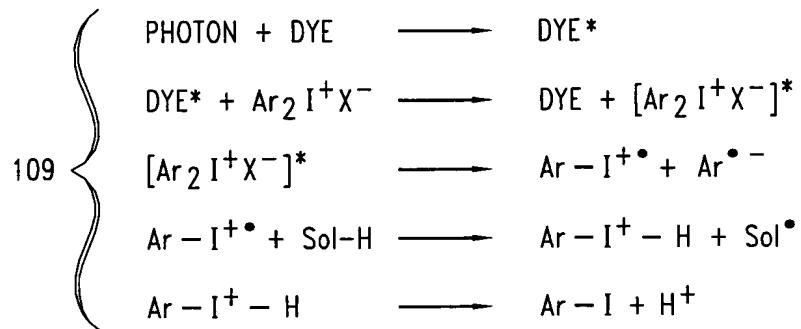
FIG. 13 C



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FIG. 15



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FIG. 16 A

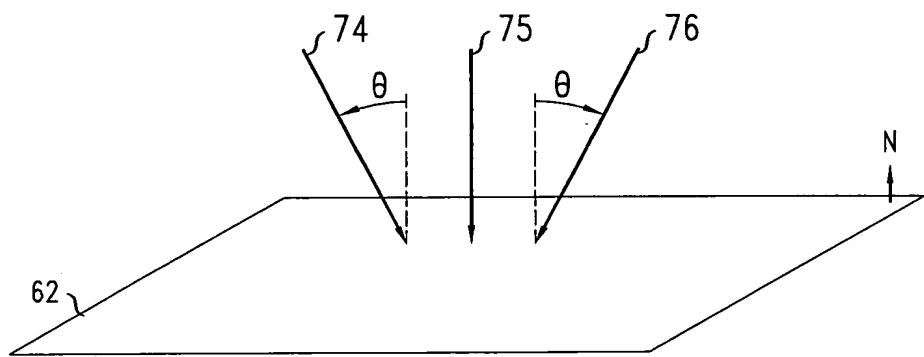
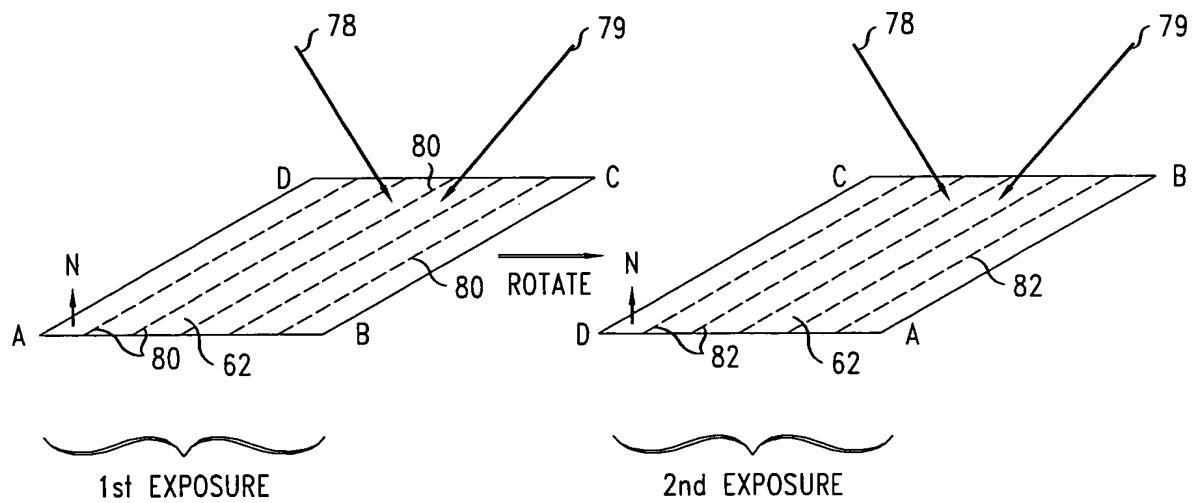
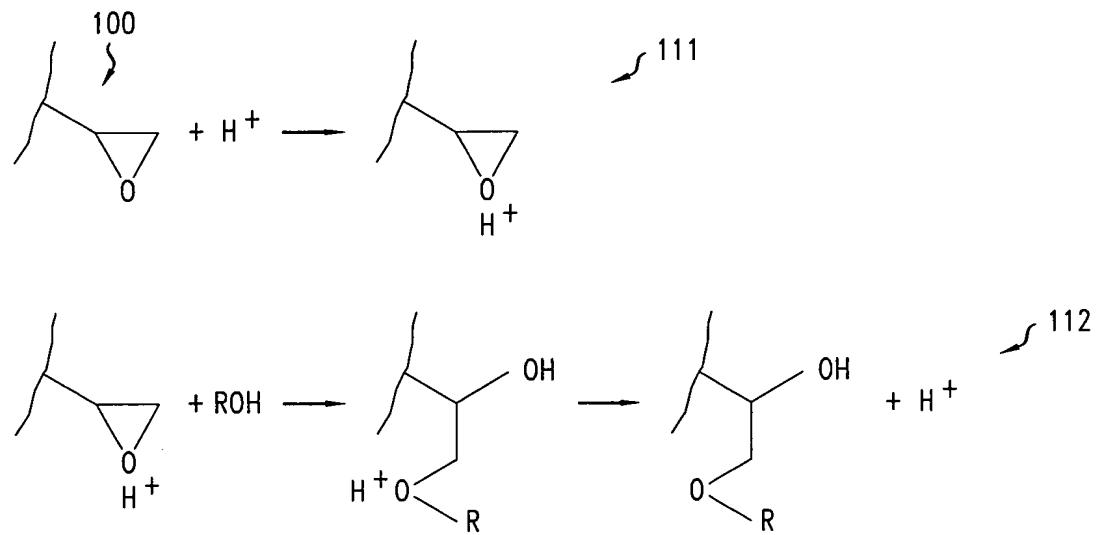


FIG. 16 B



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FIG. 17



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FIG. 18 A

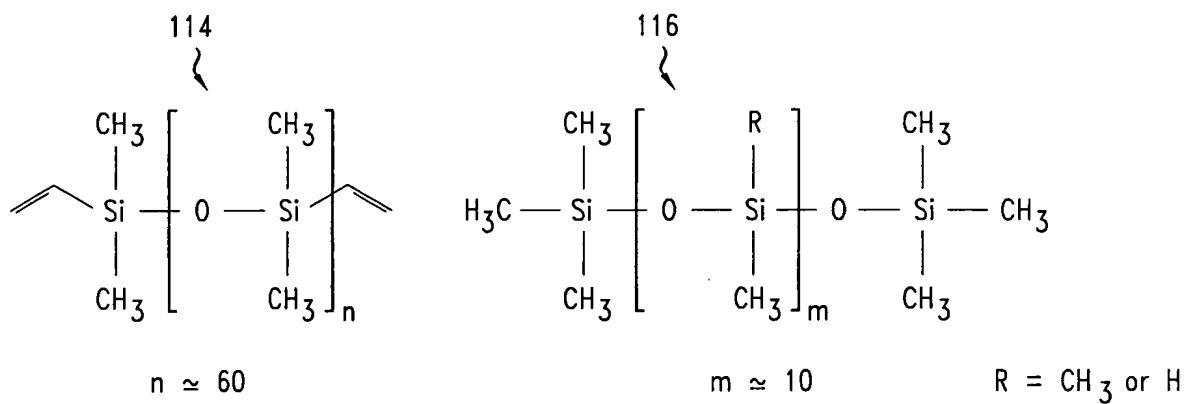
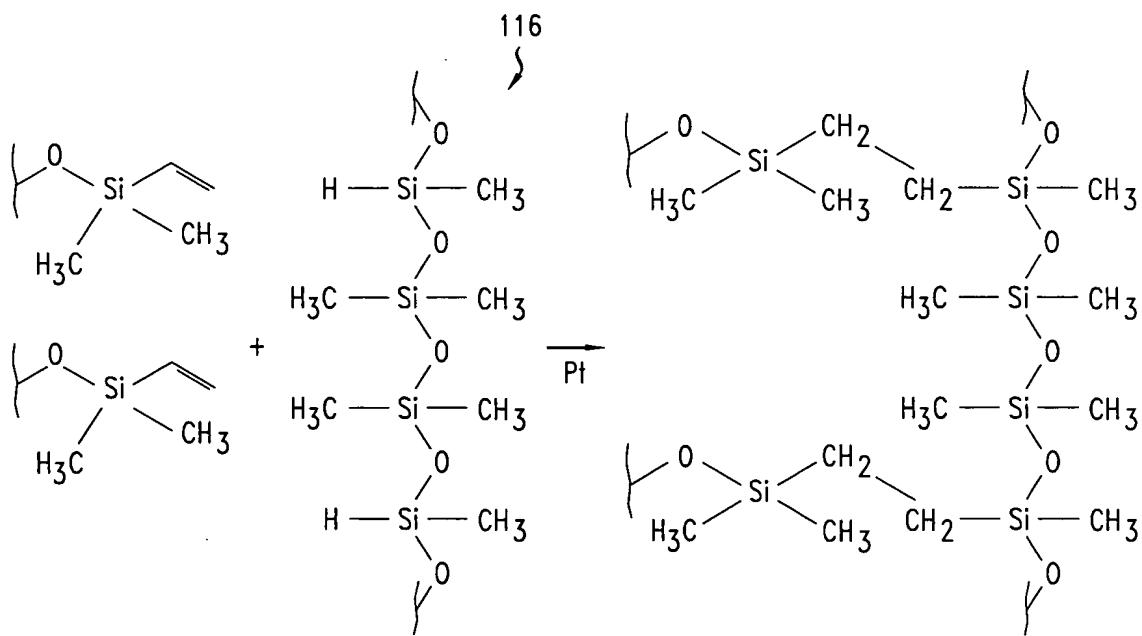
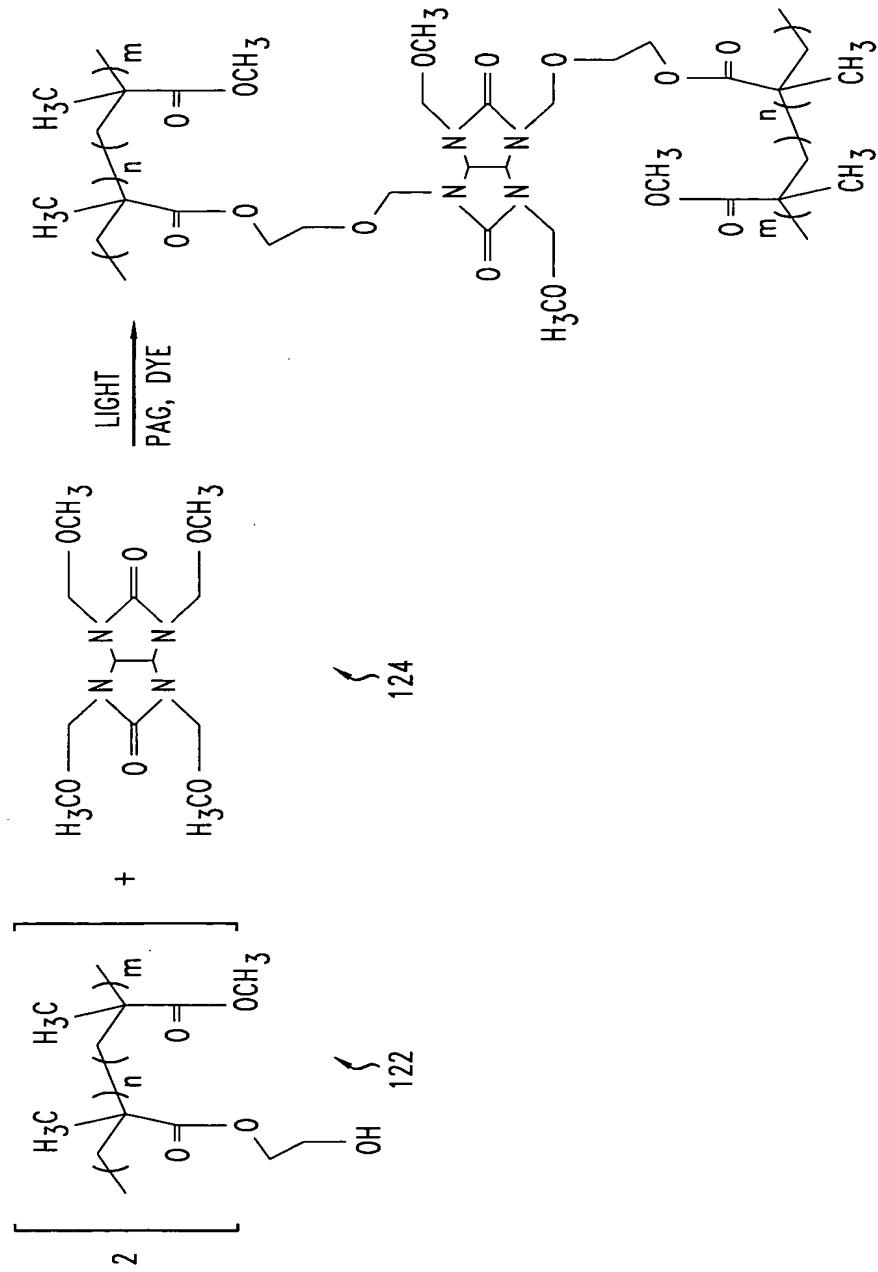


FIG. 18 B



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FIG. 19



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FIG. 20

